User Manual

(Password +Mechanical Key)

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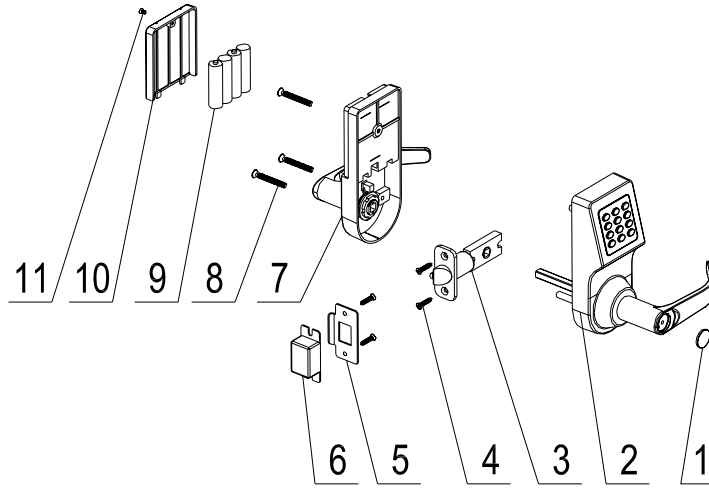
Part 1：Technical Parameters

Dimensions	160L*68W*36H（mm）
Material	Zinc Alloy
Weight	2KG
Operating Voltage	DC6V， 1.5V， 4“AA”Alkaline Batteries
Static Current	≤20μA
Dynamic Current	≤200mA
Ways to open	Password +Mechanical Key
User Management Capacity	100 Passwords
Center Distance	60mm or 70mm
Door Thickness	30mm—60mm

Part 2：Product Structure Map

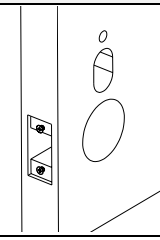


1：lock cover；2：front lock plate；3：latch；4：fixing screws of latch；5：strike plate；6：plastic strike plate case；7: back lock plate；8：fixing screws of lock plate；9：battery；10：battery cover；11：fixing screws of battery cover

Part 3：Installing Instructions

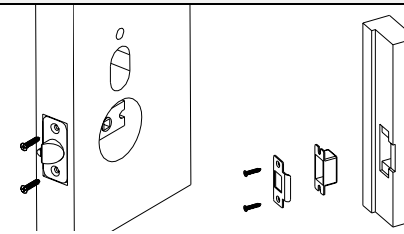
3.1 Drilling Hole

1、 Mark on the door according to the drawing.
2、 Drill holes correspondingly with electro drill
3、 Drill holes on the door frame with corresponding tools to install strike plate.



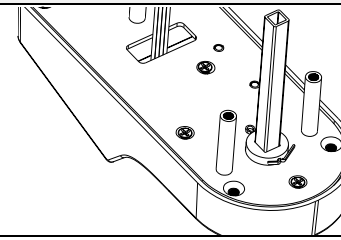
3.2 Installing latch and strike plate

1、 Fix the lock on the door broadside with two screws.
2、 Fix the plastic bottom case and strike plate on the door frame with two screws.



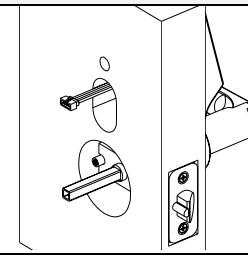
3.3 Installing square shaft of front lock plate

1、 Put the square shaft into square hole (on the front lock plate) ;
2、 Fix the square shaft with pin bolt in components bag and then open it.



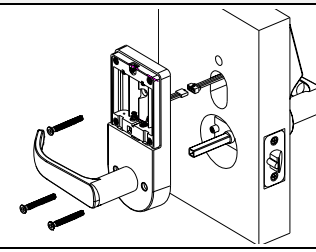
3.4 Installing front lock plate

1、 Install front panel, the two screw pillars should be aligned with the holes of the latch, pull the connecting line of front panel to the back of the door, in order to connect them.



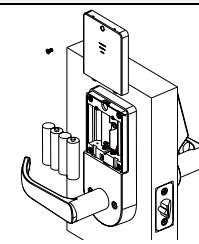
3.5 Installation of connecting line and back lock plate

1、 Open the battery cover
2、 Connect connecting lines of the front and the back lock plates.
3、 Fix the front and the back lock plates by 3 fixing screws.
4、 Positioning the lock plate properly, tighten the 3 screws to fix lock plates



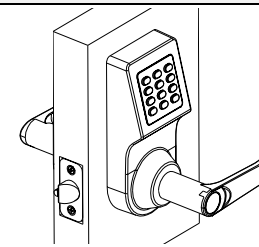
3.6 Equipping batteries

1、 Put 4 AA batteries into the battery case and pay attention to the directions.
2、 Close the battery case and fix it with screws.
3、 Installation finished.



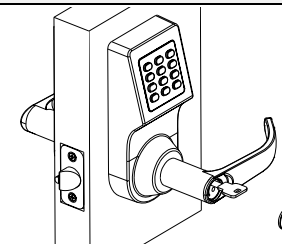
3.7 Test after installation

1、 The door can be opened normally when pushing the handle.
2、 After power on, the motor reverse, the handle will be idling when push it. Input the initial password to check door opening.
3、 Make sure the door can be opened normally by the mechanical key.



3.8 Usage of emergency mechanical key

1、 Take down the lock cover on front handle with plastic sucker.
2、 Insert the right mechanical key, turning 90 degrees.
3、 Push the handle, door opened.



Part 4：Operating Instructions

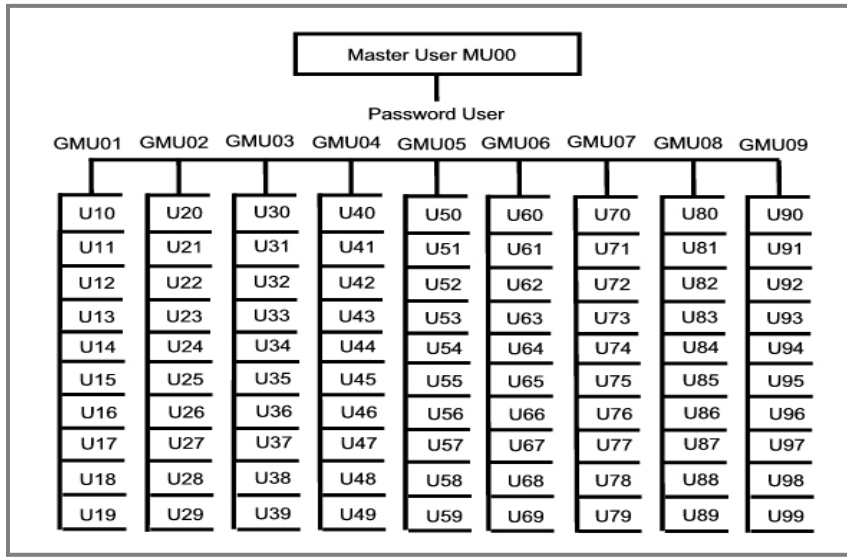
1、Summary：

User Management belongs to three-level management model: Master User (first level), Group Master User (second level), and User (third level).

- Password capacity: one Master User password (user code 00), 9 Group Master passwords (user code 01-09), 90 User passwords (user code 10-99, divided into five groups, ten for every group); 100 passwords in total.

2、User Specifications：

- Master User: the user code is 00, and has the full administration permissions. The initial Master User password is 00123456.
- Group Master User: the user code is 0n (“n” means the group NO.), administrator of group n, can add or delete Users in the group.
- User: the user code is n0-n9 (“n” means the group NO.), user of group n, have no administration authority.



3、Operation Hints:

- When input the password to open the door, you need to input the user code as well, e.g. 00123456（00 means user code，123456 is the password）.
- Enter normally open: the green light turns on when opening the door, hold # key for 3 seconds, the sound of normally open rings and enter normally open.
- Exit normally open: hold * key for 3 seconds in normally open situation, there is a long sound and exits normally open.
- After enter setting or managing, hold * key twice to exit midway.

4、Function Setting：

Input Master User password to verify, door open, keypad light turns on, press corresponding function key to set parameters (the black ones are factory default settings):

Press key	Functions	Note（the boldface are default setting）
***9#0#x#**	password anti-eavesdropping	x：0-Disable，**1-Enable**
***9#1#x#**	Key tones	x：0- Disable，**1- Enable**
***9#2#x#**	automatic normally open	x：**0- Disable**，1-Enable
***9#3#x#**	light flashing when normally open	x：0- Disable，**1- Enable**
***9#5#n#**	password length	n：4-8. **The factory default is 6**
***9#6#n#**	times of continues wrong passwords to lock the keypad,	0: disable the function; **default is 3 times.**
***9#7#n#**	minutes to lock the keypad after continuous wrong passwords	**The factory default is 1 minute**
***9#99#999#**	system empty and system reset	The system will be recovered to default

5、User Management：

Add、modify and delete password management，Master User (or Group Master User) verification, door open, keypad light turns on, press the function key before the keypad light turns off. Two short beeps means failure and one long beep means success

Press key	Functions	Note
***1#1#UUPP#**	add passwords	UU is the user code，password is PP.
***1#2#UUPP#**	modify passwords	UU is the user code
***1#3#UU#**	delete single user password	UU is the user code
***1#4#n#**	delete all passwords of group n	
***1#5#**	delete all passwords	This function is only for Master User and the Master User password cannot be deleted.

Modify the user password directly（unnecessary to enter Master User model）

Press key	Functions	Note
***5#UU#CP#NP#**	User modify his own password	UU：user code；CP：current password；NP：new password

6、Access Control:

Master User verification, keypad light turns on, press the function key to set parameters before the keypad light turns off. Two short beeps means failure and one long beep means success

Press key	Functions	Note
***4#1#X#**	Enable the function of forbidden access control	x：**0-Disable**，1-Enable
***4#2#n#**	Set the user groups which are forbidden to open the door	n：1-9 group

7、Function of Empty Key

- Hold the empty key for 3 seconds, there is one long beep, empty begins, and you will hear the warming tone when finished.
- Loose the empty key before the long beep, there is no operation, then exit.
- After the long beep, Master User password was recovered to 00123456, all the passwords, cards and remote controls were emptied and recovered to default parameters.

Enclosed: drilling hole drawing